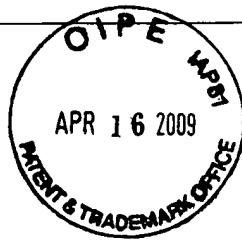


FORM PTO-1449 (modified)
 To: U.S. Department of Commerce
 (FORM PAT-1449)
 Patent and Trademark Office



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

Date: April 14, 2009

Page 1 of 5

Atty. Dkt. No.	M#	Client Ref.
	043043-0359294	
Applicant: Phillip Vollmers		
Appln. No.: 10/578,856		
Filing Date: May 11, 2006		
Examiner: Saoud, C.J.		Group Art Unit: 1647

U.S. PATENT DOCUMENTS

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR						
	BR	2005/0123571 A1	06/2005	Rossini, et al.	424	277.1	
	CR	5,610,280	03/1997	Brandt, et al.	530	387.5	
	DR	5,639,863	06/1997	Dan	530	388.8	
	ER	5,763,224	06/1998	Caras, et al.	435	69.6	
	FR	6,677,442 B1	1/2004	Wang, et al.	536	23.2	
	GR	6,995,240 B1	02/2006	Panayi, et al.	530	350	
	HR	7,049,132 B1	05/2006	Lee	435	320.1	
	IR						
	JR						

FOREIGN PATENT DOCUMENTS

		Document Number	Date MM/YYYY	Country	Inventor Name		English Abstract	Translation Readily Available		
							Enclosed	No	Enclose	No
	KR									
	LR	41 07 154 A1	04/1992	DE	Brandt, et al. (German)					
	MR	102 30 516 A1	01/2004	DE	Müller-Hermelink, et al.					
	NR	692 12 671 T2	03/1997	DE	Weiss, et al. (German)					
	OR	692 29 110 T2	11/1999	DE	Gram, et al. (German)					
	PR	695 27 975 T2	03/2003	DE	Ellis, et al. (German)					
	QR	1 106 183 A2	06/2001	EP	Fendly					
	RR	1 141 019 B1	04/2004	EP	Vollmers et al. (German)					

	SR	00/012562	03/2000	WO	Adams, et al.				
	TR	00/37489 A3	06/2000	WO	Vollmers et al. (German)				
	UR	00/37489A2	06/2000	WO	Vollmers et al. (German)				
	VR	01/62932 A1	08/2001	WO	Deshpande, et al.				
	WR	01/83560 A1	11/2001	WO	Zhou, et al.				
	XR	02/02641 A1	01/2002	WO	Cambridge Antibody Tech., Vaughn Tristan				
	YR	02/084277 A1	10/2002	WO	Luo				
	ZR	02/12502 A2	02/2002	WO	Giles-Komar, et al.				
	AAR	03/011907 A3	02/2003	WO	Muller-Hermelink et al.				
	BBR	2003/076472 A2	09/2003	WO	Vollmers, et al.				
	CCR	2003/076472 A3	09/2003	WO	Vollmers, et al.				
	DDR	2004/005351 A2	01/2004	WO	Mueller- Hermelink, et al.				
	EER	2004/020999A1	03/2004	WO	Arap, et al.				
	FFR	2004/081027 A2	09/2004	WO	Mueller- Hermelink et al.				
	GGR	2004/081027 A3	09/2004	WO	Mueller- Hermelink et al.				
	HHR	2005/001052 A2	01/2005	WO	Rossini, et al.				
	IIR	2005/045428 A2	05/2005	WO	Lee, et al.				
	JJR	2005/047332 A1	05/2005	WO	Vollmers, et al.				
	KKR	2005/065418 A2	07/2005	WO	Pasqualini, et al.				
	LLR	2005/085862 A1	09/2005	WO	Charles, et al.				
	MMR	2005/092922 A2	10/2005	WO	Vollmers et al.				
	NNR	2005/092922 A3	10/2005	WO	Vollmers et al.				
	OOR	2005/094159 A2	10/2005	WO	Vollmers et al.				
	PPR	97/02479	01/1997	WO	Garen				
	QQR	97/13844 A1	04/1997	WO	Thomson et al.				
	RRR	99/28461	06/1999	WO	Noteborn, et al.	(equivalent to CA 2,312,007 06/2000)			
	SSR	99/53051	10/1999	WO	Dumas Milne Edwards, et al				
	TTR	99/65935 A2	12/1999	WO	Chiodi				
	UUR								
OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)									
	VVR								

	WWR	Berger, C.L., et al., A Lymphocyte Cell Surface Heat Shock Protein Homologous to the Endoplasmic Reticulum Chaperone, Immunoglobulin Heavy Chain Binding Protein BIP, <i>Int. J. Cancer</i> , 71:1077-1085 (1997)			
	XXR	Bjorge et al., Complement-Regulatory Proteins in Ovarian Malignancies, <i>Int. J. Cancer</i> , 70:14-25 (1997)			
	YYR	Brändlein et al., "Natural IgM Antibodies and Immunosurveillance Mechanisms Against Epithelial Cancer Cells in Humans," <i>Cancer Research</i> , 63: 7995-8005, 15 November 2003.			
	ZZR	Brändlein et al., Characterization of Five New Fully Human Monoclonal IgM Antibodies Isolated from Carcinoma Patients, <i>Proceedings of the Annual Meeting of the American Association for Cancer Research</i> 43:970, March 2002 (Abstract)			
	AAAR	Brändlein et al., Human Monoclonal IgM Antibodies with Apoptotic Activity isolated from Cancer Patients, <i>Human Antibodies</i> 11:107-119, 2002			
	BBBR	Brändlein, S., et al., CFR-1 Receptor as Target for Tumor-specific Apoptosis Induced by the Natural Human Monoclonal Antibody PAM-1, <i>Oncology Reports</i> , 11:777-784 (2004)			
	CCCR	Brändlein, S., et al., Cysteine-rich Fibroblast Growth Factor Receptor 1, a New Marker for Precancerous Epithelial Lesions Defined by the Human Monoclonal Antibody PAM-1, <i>Cancer Research</i> , 63:2052-2061 (2003)			
	DDDR	Brändlein, S., et al., PAM-1, a Natural Human IgM Antibody as New Tool for Detection of Breast and Prostate Precursors, <i>Human Antibodies</i> , 13:97-104 (2004)			
	EEER	Chen, G., et al., Protein Profiles Associated With Survival in Lung Adenocarcinoma, www.pnas.org/cgi/doi/10.1073/pnas.2233850100 pp. 1-6 (2003)			
	FFFR	Database entry AAB02178 dated June 11, 1996			
	GGGR	Faller et al., HAB-1, a New Heteromyeloma for Continuous Production of Human Monoclonal Antibodies, <i>Br. J. Cancer</i> 62:595-598 (1990)			
	HHHR	Gonatas et al., MG-160, A Membrane Sialoglycoprotein of the Medial Cisternae of the Rat Golgi Apparatus, Binds Basic Fibroblast Growth Factor and Exhibits a High level of Sequence Identity to a Chicken Fibroblast Growth Factor Receptor, <i>J. Cell Science</i> 108:457-467, 1995.			
	IIIR	Grossman, H.B., Natural Antibody to a Human Bladder Carcinoma Cell Line, <i>Cancer Immunol. Immunother.</i> 13:89-92 (1982)			
	JJJR	Hensel et al., A New Variant of Cystein-Rich FGF Receptor (CFR-1) Specifically Expressed on Tumor Cells, <i>Proceedings of the American Association for Cancer Research</i> 41:698 (abstract 4438), March 2000.			
	KKKR	Hensel et al., A Novel Proliferation-associated Variant of CFR-1 Defined by a Human Monoclonal Antibody, <i>Laboratory Investigation</i> 81:1097-1108, 2001.			
	LLLR	Hensel et al., Characterization of Glycosylphosphatidylinositol-linked Molecule CD55/Decay-accelerating Factor as the Receptor for Antibody SC-1-induced Apoptosis, <i>Cancer Research</i> 59:5299-5306, 1999.			

	MMMR	Hensel et al., Mitogenic Autoantibodies in Helicobacter pylori-Associated Stomach Cancerogenesis, International Journal of Cancer 81:229-235, 1999.			
	NNNR	Hensel, F., et al., "Regulation of the new coexpressed CD55 (decay-accelerating factor) receptor on stomach carcinoma cells involved in antibody SC-1-induced apoptosis", Laboratory Investigation, 81(11):1553-1563 (2001)			
	OOOR	Huang et al., Sulindac Sulfide-induced Apoptosis Involves Death Receptor 5 and the Caspase 8-dependent Pathway in Human Colon and Prostate Cancer Cells, Cancer Research 61:6918-6924 (2001)			
	PPPR	Iwadate, Y., et al., Molecular Classification and Survival Prediction in Human Gliomas Based on Proteome Analysis, Cancer Research, 64:2496-2501 (2004)			
	QQQR	Jamora, C., et al., Inhibition of Tumor Progression by Suppression of Stress Protein GRP78/BiP Induction in Fibrosarcoma B/C10ME, Proc. Natl. Acad. Sci. USA, 93:7690-7694 (1996)			
	RRRR	Jansson, et al., The Human Repertoire of Antibody Specificities Against Thomsen-Friedenreich and TN-carcinoma-associated antigens as defined by Monoclonal Antibodies, Cancer Immunology 34:294-298, 1992.			
	SSSR	Kamitani, H., et al., Expression of 15-Lipoxygenase by Human Colerectal Carcinoma Caco-2 Cells During Apoptosis and Cell Differentiation, The Journal of Biological Chemistry, 273(34):21569-21577 (1998)			
	TTTR	Lee, A.S., Mammalian Stress Response: Induction of the Glucose-Regulated Protein Family, Current Opinion in Cell Biology, 4:267-273 (1992)			
	UUUR	Little, E., et al., The Glucose-Regulated Proteins (GRP78 and GRP94): Functions, Gene Regulation, and Applications, Critical Reviews In Eukaryonic Gene Expression, 4(1):1-18 (1994)			
	VVVR	Liu et al., Towards Proteome-Wide Production of Monoclonal Antibody by Phage Display, J. Mol. Bio. 315:1063-1073 (2002)			
	WWWR	Mammalian Gene Collection (MGC) Program Team, "Generation and Initial Analysis of more than 15,000 Full-Length Human and Mouse cDNA Sequences" PNAS USA 99:16,899-16,903 (2002)			
	XXXR	Masatoshi, K., Antibody CDNA, Abstract JP Publication No. 09098786 0, 04/15/1997			
	YYYR	Mintz, P.J., et al., Fingerprinting the Circulating Repertoire of Antibodies from Cancer Patients, Nature Biotechnology, 21:57-63 (2003)			
	ZZZR	Misra, U.K., et al., The Role of Grp 78 in α_2 -Macroglobulin-Induced Signal Transduction, The Journal of Biological Chemistry, 277(44):42082-42087 (2002)			
	AAAAR	Mourelatos et al., Cloning and Sequence Analysis of the Human MG160, a Fibroblast Growth Factor and E-Selectin Binding Membrane Sialoglycoprotein of the Golgi Apparatus, DNA Cell Biol. 12:1121-1128 (1996)			
	BBBBR	Myung, J-K, et al., Expressional Patterns of Chaperones in Ten Human Tumor Cell Lines, Proteome Science, 2:8:1-21 (2004)			
	CCCCR	Pfaff, M., et al., Human Monoclonal Antibody Against a Tissue Polypeptide Antigen-related Protein from a Patient with a Signet-Ring Cell Carcinoma of the Stomach, Cancer Research, 50:5192-5198 (1990)			
	DDDDR	Pohle et al., Lipoptosis: Tumor Specific Cell Death by Antibody-Induced Intracellular Lipid Accumulation, Cancer Research, 64:11, 3900-3906 (2004)			

	EEER	Sato, K., et al., Immunotherapy Using Heat-Shock Protein Preparations of Leukemia Cells After Syngenic Bone Marrow Transplantation in Mice, <i>Blood</i> , 98(6):1852-1857 (2001)				
	FFFFR	Sugawara, S., et al., Suppression of Stress Protein GRP78 Induction in Tumor B/C10ME Eliminates Resistance to Cell Mediated Cytotoxicity, <i>Cancer Research</i> , 53:6001-6005 (1993)				
	GGGR	Timmermann W., et al., Immuntherapie: ein Antikörper gegen Magenkrebs" Blick 1/1999, Artikel 6, internet page http://www.uni-wuerzburg.de/blick1999-1/991do6t.html .				
	HHHR	Vollmers et al., "Apoptosis of Stomach Carcinoma Cells Induced by a Human Monoclonal Antibody," <i>Cancer</i> 76:550-558 (1995).				
	IIIR	Vollmers et al., "Human Monoclonal Antibodies from Stomach Carcinoma Patients React with <i>Helicobacter pylori</i> and Stimulate Stomach Cells <i>in vitro</i> ," <i>Cancer</i> 74:1525-1532, 1994.				
	JJJR	Vollmers et al., "SC-1, a Functional Human Monoclonal Antibody against Autologous Stomach Carcinoma Cells," <i>Cancer Res.</i> 49:2471-2476, 1989.				
	KKKR	Vollmers et al., Adjuvant Therapy for Gastric Adenocarcinoma with the Apoptosis-Inducing Human Monoclonal Antibody SC-1: First Clinical and Histopathological Results, <i>Oncology Reports</i> 5:549-552 (1998)				
	LLLLR	Vollmers, H.P., et al., Monoclonal Antibodies NORM-1 and NORM-2 Induce More Normal Behavior of Tumor Cells <i>In Vitro</i> and Reduce Tumor Growth <i>In Vivo</i> , <i>Cell</i> , 40:547-557 (1985).				
	MMMMF	Vollmers, P., et al., Tumor-Specific Apoptosis Induced by the Human Monoclonal Antibody SC-1: A New Therapeutic Approach for Stomach Cancer, <i>Oncology Reports</i> , 5:35-40 (1998)				
	NNNNR	Wixler et al., "Identification of Novel Interaction Partners for the conserved membrane proximal region of alpha-integrin cytoplasmic domains," <i>FEBS Letters</i> vol. 445, 26 Feb 1999.				
	OOOR					
	PPPR					

Examiner

Date Considered:

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.